I. *Observations of the Comparative, Intensive or Specific Gravities of various Bodies. Made by Mr. J. C.*

Pump-water.	1000
Cork.	237
Sassafras Wood.	482
Juniper Wood (dry.)	556
Plum-tree (dry.)	663
Mastic.	849
Santalum Citrinum.	809
Santalum album.	1041
Santalum rubrum.	1128
Ebony.	1177
Lignum Rhodium.	1125
Lignum Asphaltum.	1179
Aloes.	1177
Succinum pellucidum.	1065
Succinum pingue.	1087
Jet.	1238
The top part of a Rhinoceros-horn.	1242
The top part of an Ox-horn	1840
The (Blade) bone of an Ox.	1656
An human Calculus.	1240
Another Calculus humanus.	1433
Another Calculus.	1664
Brimstone, such as commonly sold.	1811
Borax.	1720
A spotted factitious Marble.	1822
A Gally-Pot.	1928
Oyster shell.	2092
Murex-shell.	2590
Lapis manati.	2270
Selenitis.	2322
Wood petrefied in *Lough-Neagh.*	2341
Onyx stone.	2510
Turcois-stone.	2508
English Agat.	2512
Grammatias lapis.	2515
A Cornelian.	2568
Corallachates.	2605
Talc.	2657
Coral.	2689
Hyacinth (spurious.)	2631
Jasper (spurious.)	2666
A pellucid Pibble.	2641
Rock Crystal.	2659
Crystallum Disdiaclasticum	2704
A red Paste.	2842
Lapis Nephriticus.	2894
Lapis Amiantus from *Wales*	2913

Lapis

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Lapis Lazuli.	3054	Wrought Braſs.	8280
An Hone.	3288	Hammer'd Braſs.	8349
Sardachates.	3598	A falſe Guinea.	9075
A Granat.	3978	A true Guinea.	18888
A Golden Marcaſite.	4589	Sterling Silver.	10535
A blew Slate with ſhining Particles.	3500	A braſs Half-Crown.	9468
A mineral ſtone, yielding 1 part in 160 Metal.	2650	Electrum, a Britiſh Coin.	12071
The Metal thence extracted.	8500	A Gold Coin of *Barbary.*	17548
The (reputed) Silver Ore of *Wales.*	7464	A Gold Medal from *Morocco.*	18420
The Metal thence extracted.	11087	A *Mentz* Gold Ducat.	18261
Biſmuth.	9859	A Gold Coin of *Alexanders.*	18893
Spelter.	7065	A Gold Medal of Q. *Mary.*	19100
Spelter Soder.	8362	A Gold Medal of Q. *Elizabeth.*	19125
Iron of a Key.	7643	A Medal eſteem'd to be near fine Gold.	19636
Steel.	7852		
Caſt Braſs.	8100		

II. *Extracts of ſome Letters from* Mr. John Sturdie *of* Lancaſhire *concerning* Iron Ore; *and more particularly of the* Hæmatites, *wrought into Iron at* Milthrop-*Forge in that County. Communicated by* Dr. Martin Liſter, S. R. S.

Townley, March 14. 1674.

SIR,

YOU will receive herewith ſome of the Cinder you deſir'd, as alſo a little of Iron-ſtone both burnt and unburnt. They have ſeveral ſorts of Iron-ſtone, and of